

ABSTRACT

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A method of producing an image-forming apparatus wherein a face plate having phosphors of the three primary colors is opposed to a rear plate comprising a plurality of electron-emitting devices, each having a first electrode and a second electrode, and a plurality of column-directional wires and row-directional wires connected to the plurality of electron-emitting devices, the method comprising: a step of arranging a plurality of first electrodes and second electrodes on the rear plate; a step of forming a plurality of column-directional wires, wherein each of the column-directional wires connects commonly a plurality of said first electrodes; a step of forming a plurality of row-directional wires, wherein each of the row-directional wires connects commonly a plurality of said second electrodes, the row direction is substantially perpendicular to the column direction, and intervals of the row-directional wires are larger than those of the column-directional wires; a step of forming an insulating layer between said row-directional wire and column-directional wire at each of intersections between the row-directional wires and column-directional wires; and a step of applying a liquid containing at least a metal or a semiconductor so as to connect the first and second electrodes to each other according to an ink jet method, wherein the step of

forming the column-directional wires comprises: a step of forming a film comprising a photosensitive material and an electroconductive material on the rear plate; a step of irradiating desired areas of the film with
5 light; a step of patterning the film; and a step of baking the patterned film.